

REV:	ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")	
NOTE: MILITARY SPECIFICATIONS /STANDARDS WILL NOT BE FURNISHED IN THE BID SET.		
1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF ADAPTER, SWIVEL ASSEMBLY MAIN LANDING GEAR		
2. PART NUMBER 1881-317-07	3. NATIONAL STOCK NUMBER 1630-01-186-2482	
4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.		
5. OO-ALC/LGHLEN SYSTEM ENGINEERING RETAINS ALL RIGHTS TO REVIEW AND ACCEPT/REJECT MRB'S PRIOR TO SHIPMENT OF DISCREPANT ITEMS. ALL DEVIATIONS, MINOR OR MAJOR, FROM THE ENGINEERING DRAWING PACKAGE WILL BE SUBMITTED FOR MRB DISPOSITION.		
6. PRIOR TO CONTRACT AWARD, THE CONTRACTOR WILL CERTIFY TO THE GOVERNMENT IN WRITING, FULL COMPLIANCE WITH MANUALS, SPECIFICATIONS, AND STANDARDS CALLED OUT AND REQUIRED FOR THE MANUFACTURE OF THIS CONTRACTED LANDING GEAR COMPONENT/ASSEMBLY. CONTRACTOR IS RESPONSIBLE TO COMPLETELY SEARCH THESE MANUALS, SPECIFICATIONS, AND STANDARDS AND FULLY UNDERSTAND THE REQUIREMENTS NECESSARY TO MANUFACTURE LANDING GEAR COMPONENTS. ANY QUESTIONS CAN BE FORWARDED TO THIS OFFICE OO-ALC/LGHLEN.		
7. ELECTROETCH IDENTIFICATION IN AREA NOTED PER MIL-STD-130 IN LIEU OF CPC 9201.		
8. MATERIAL: 2014-T6511 PER SAE AMS-QQ-A-200/2 IN LIEU OF QQ-A-200/2. OPTIONAL: 2014-T651 PER SAE AMS-QQ-A-225/4 IN LIEU OF QQ-A-225/4 OR 7075-T7351 PER SAE AMS-QQ-A-225/9 IN LIEU OF QQ-A-225/9 OR 7075-T651 PER SAE AMS-QQ-A-225/9 IN LIEU OF QQ-A-225/9.		
9. PERFORM FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417, TYPE I, METHOD B OR C, LEVEL 3 OR 4 IN LIEU OF MIL-I-6866 WITH THE FOLLOWING ACCEPTANCE/REJECTION CRITERIA: NO DEFECTS ALLOWED. THE INTENT OF NO DEFECTS ALLOWED IS THAT THE INSPECTION IS CONDUCTED AT THE REQUIRED SENSITIVITY LEVEL AND THERE SHALL BE NO INDICATIONS ALLOWED. THE INSPECTOR PERFORMING THE INSPECTION SHALL BE CERTIFIED TO LEVEL II WITH THE INSPECTION PROCEDURE DEVELOPED BY A LEVEL III AS SPECIFIED IN AIA/NAS-410.		
10. PAINT REQUIREMENTS AS NOTED: A. APPLY ONE COAT OF EPOXY WATERBORNE PRIMER PER MIL-PRF-85582, TYPE I, CLASS 2. ALTERNATE PRIMER, ONE COAT EPOXY POLYAMIDE PER MIL-PRF-23377, TYPE I. B. APPLY TWO TOP COATS POLYURETHANE PER MIL-PRF-85285, TYPE I, IN LIEU OF MIL-C-83286, COLOR #17925 (WHITE) PER FED-STD-595 IN LIEU OF COLOR #17875.		
11. CORROSION CONTROL ENTIRE PART PER MIL-C-16173 IN LIEU OF CP SPEC 8405.		
12. R.I. DESIGN SPECIFICATION L287C2001, 2036 AND MIL-I-8500 ARE NOT REQUIRED TO MANUFACTURE THIS ITEM.		
PREPARED BY CAROL HYER	SYMBOL LGMPM	DATE 6 Jun 03

SOURCE QUALIFICATION STATEMENT
(PL 98-525, Section 2319)

SECTION A. ITEM IDENTIFICATION

1. STOCK NUMBER (NSN): 1630-01-186-2482
2. PART NUMBER (P/N): 1881-317-07
3. NOUN: Adaptor Swivel Joint
4. APPLICATION: B-1B

SECTION B

JUSTIFICATION FOR ESTABLISHING QUALIFICATION REQUIREMENTS AND REASON WHY QUALIFICATION REQUIREMENTS MUST BE DEMONSTRATED PRIOR TO CONTRACT AWARD

1. Characteristics associated with the manufacturing and processing of this component could result in product functional degradations. This item performs a critical function on the aircraft and special equipment is required for its manufacture and testing. Close tolerance machining is required. Special care and attention is required but not limited to surface finish, processing, and assembly of this item. This item is particularly susceptible to process induced manufacturing flaws; therefore care must be taken to insure a potential vendor's capability prior to contract award.
2. The bidder's ability to interpret Engineering drawings and specifications and the execution of the qualification requirements specified herein are necessary to verify the structural and/or functional integrity and/or fit and form of the item being procured.
3. Failure to procure this item from a fully qualified source could result in failure of the part, degradation of aircraft mission capability, or loss of aircraft and crew.
4. Completion of the specified pre-contract award qualification requirements will assure the government that the offerer is capable of producing the item in compliance with the applicable technical specification/data and within the schedule and economic constraints of our contracts. There are sufficient technical and schedule risks, which can only be minimized by a completion of the requirements prior to contract award.

FIRST ARTICLE REQUIREMENTS <small>(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)</small>			1. DATE <u>June 18 2003</u>
2. P/R/MIPR NUMBER	3. PART NUMBER <u>1881-317-07</u>	4. NSN <u>1630-01-186-2482</u>	
5. FIRST ARTICLE QUANTITY THE FIRST ARTICLE IS <u>1</u> UNIT(S) OF LOT/ITEM <u>1</u>			
AND WILL BE: <input type="checkbox"/> PART OF PRODUCTION QUANTITY <input checked="" type="checkbox"/> IN ADDITION TO PRODUCTION QUANTITY			
6. ARTICLES <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT SERVE AS A MANUFACTURING STANDARD		7. LONG LEAD TIME ITEMS <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED <small>(See FAR 52.209-3 or -4, alternate II)</small>	
8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES <small>(See FAR 52.209-3 or -4 Alternate I)</small> <input checked="" type="checkbox"/> REQUIRED <input type="checkbox"/> NOT REQUIRED "The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."			
9. TEST/INSPECTION REQUIREMENTS A. <input type="checkbox"/> CONTRACTOR TESTING <input checked="" type="checkbox"/> GOVERNMENT TESTING Performance or other characteristics which the First Articles must meet are <u>Conformance with all drawings and specifications in the contract</u> B. The detailed technical requirements for First Article approval tests are contained in _____ <div style="text-align: center;"><small>(Cite Spec and Para number)</small></div> C. <input type="checkbox"/> TEST PLAN REQUIRED (1) DD Form 1423 ELIN _____ (2) Delivery due _____ calendar days from date of contract. (3) Number of days for government approval/disapproval _____ days. D. Contractor's notification to ACO and _____ <div style="text-align: center;"><small>(Requesting Activity)</small></div> of test time and location due _____ days prior to start of testing. E. <input type="checkbox"/> TEST REPORT REQUIRED (1) DD Form 1423 ELIN _____ (2) Due _____ calendar days from date of contract. (3) Forwarded to _____ (4) Government written notice of approval/disapproval due _____ days after receipt of contractor's report.		F. FIRST ARTICLE DELIVERY: (1) Due within _____ calendar days from date contract. (2) Notify <u>15</u> calendar days prior to shipment. (3) Delivered to government at <u>OO-ALC / MADLV</u> <u>Attn: Non Act Buy Transportation Officer</u> <u>Bldg: 841 H.11 AFB UT 84056</u> (4) Government written notice of approval/disapproval within _____ days after receipt of first article package. G. Estimated cost of government testing/inspection evaluation. \$ <u>1,000</u>	
10. DISPOSITION OF FIRST ARTICLES			
<input checked="" type="checkbox"/> Approved First Articles will be forwarded to <u>Supply</u> <input type="checkbox"/> _____ <small>(insert quantity)</small> First Articles will be expended in testing. Residual components of disapproved First Articles <input type="checkbox"/> will be returned to the contractor/ <input type="checkbox"/> will be retained by _____ pending disposition instructions from the contractor. <input type="checkbox"/> First Articles will be installed on aircraft/equipment to determine proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity.		<input type="checkbox"/> Disapproved First Articles will be returned to the contractor/ <input checked="" type="checkbox"/> will be retained by <u>OO-ALC / MADLV</u> pending disposition instructions from the contractor <input checked="" type="checkbox"/> On purchase requests designated as direct shipments the following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMS)). a. Approved First Articles will be returned to the contractor for shipment with production item. b. Disposition of disapproved First Articles will remain the same as marked above. <input type="checkbox"/> Other Disposition: _____	

* HISTORY *

CAGE:	MANUFACTURER NAME:	REFERENCE NR:	NOUN:	NSN:
13002	GOODRICH	1881-317-07	ADAPTER, SWIVEL	1630011862482

DRAWING NUMBER		REV	NR SHEETS	NR CARDS	FURN CODE	DIST CODE	NOUN	REQUIREMENTS
98747	OO-ALC FORM 462	/	0001	0000			ENGR DATA ROMTS (ATTACH A)	
130021861-317	/	E	0001	0000	S		ADAPTER, SMIVEL ASSY M/G	

[illegible]

ENGINEERING DATA LIST REMARKS

FURNISHED METHOD CODE LEGEND:	
X - DATA SUPPLIED (NOT IN EDCARS).	G - GOV'T DOCUMENT.
C - CLASSIFIED DOCUMENT.	O - OTHERS, CONTRACTOR MUST ACQUIRE.
S - FURNISHED WITH SOLICITATION.	P - PARTIAL DOCUMENT FURNISHED.
M - STABLE BASE DRAWING REQUIRED.	V - VENDOR DRAWING (NOT PROVIDED).
FURNISHED WITH CONTRACT AWARD.	A - DATA NOT AVAILABLE.